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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/923,663

08/06/2001

John C. New JR.

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01/19/2005

DORSEY & WHITNEY LLP
INTELLECTUAL PROPERTY DEPARTMENT
SUITE 3400
1420 FIFTH AVENUE
SEATTLE, WA 98101

EXAMINER

SIDDIQI, MOHAMMAD A

ART UNIT

PAPER NUMBER

2154

DATE MAILED: 01/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/923,663	NEW ET AL.	
	Examiner	Art Unit	
	Mohammad A Siddiqi	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-34 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1-34 are rejected under 35 U.S.C. 102(e) as being anticipated by Safadi et al. (6,810,525) (hereinafter Safadi).

4. As per claim 1, Safadi discloses a method for providing access to computer resources on a computer system, comprising:

generating a token containing encrypted user information including credit, authorization, and authentication information (credit entitlement, col 2, lines 1-18);

initiating a request to open a computer resource stored on the computer system, the computer resource being encrypted (col 2, lines 1-18);

initiating execution of a remote application manager component on the computer system (server for authentication, col 2, lines 47-55);

under control of the remote application manager (server for authentication, col 2, lines 47-55) component, decrypting the token and authenticating a user (col 2, lines 47-55) of the computer system using authentication information stored in the token (encrypted entitlement token, col 2, lines 47-55);

verifying whether the user is authorized to use the requested computer resource using authorization information stored in the token (subscriber's private key, col 2, lines 47-55);

verifying whether the user has sufficient credit contained (server for authentication, col 2, lines 47-55 and col 3, lines 10-17) in the token to use the requested computer resource using credit information stored in the token (entitled token may be generated, col 2, lines 48-63 and col 3, lines 10-17);

when the user is authenticated, authorized, and has sufficient credit (col 3, lines 10-17), decrypting and opening the requested computer resource (col 5, lines 13-27);

monitoring the usage of the opened computer resource to determine whether the user has sufficient credit to continue using the computer resource (access controller, col 6, lines 23-38); and providing a notification when the monitored usage of the opened computer resource has exceeded the credit (credit entitlement and control of the purchasable service, col 5, lines 42-65).

5. As per claim 2, Safadi discloses generating a token comprises collecting authentication, authorization, and credit information from the user and storing the information in respective fields in a binary file, and thereafter encrypting the binary file to generate the token (Data Encryption Standards, col 2, lines 48-63).

6. As per claim 3, Safadi discloses the token is stored on a smart card that the remote application module component accesses to retrieve and decrypt the token (subscriber terminal, col 2, lines 7-10).

7. As per claim 4, Safadi discloses initiating a request to open a computer resource comprises clicking on an application icon (code/data object, 16, fig 1, col 3, lines 36-40 and col 2, lines 48-52).

8. As per claim 5, Safadi discloses initiating execution of a remote application manager component occurs in response to initiating a request to open a computer resource (server for authentication, col 2, lines 48-52).

9. As per claim 6, Safadi discloses the token and the computer resource have been encrypted using the public key encryption methodology (col 2, lines 53-55).

10. As per claim 7, Safadi discloses wherein the computer resource comprises an application module (col 3, lines 55-67).

11. As per claim 8, Safadi discloses the application module comprises an entire executable application program that is stored in encrypted form on the computer system (secure processor, col 3, lines 44-49).

12. As per claim 9, Safadi discloses monitoring the usage of the opened computer resource comprises monitoring how long the user has been using the computer resource (col 6, lines 60-65).

13. As per claim 10, Safadi discloses providing a notification when the monitored usage of the opened computer resource has exceeded the credit

comprises displaying a visual message to the user instructing the user to save his work and indicating his credit has been depleted (absolute visibility, col 6, lines 60-65).

14. As per claim 11, the claim is rejected for the same reasons as claim 1, above.

15. As per claim 12, the claim is rejected for the same reasons as claim 3, above.

16. As per claim 13, the claim is rejected for the same reasons as claim 4, above.

17. As per claim 14, the claim is rejected for the same reasons as claim 6, above.

18. As per claim 15, the claim is rejected for the same reasons as claim 7, above.

19. As per claim 16, the claim is rejected for the same reasons as claim 8, above.

20. As per claim 17, the claim is rejected for the same reasons as claim 9, above.

21. As per claim 18, the claim is rejected for the same reasons as claim 10, above.

22. As per claim 19, the claim is rejected for the same reasons as claim 1, above.

23. As per claim 20, the claim is rejected for the same reasons as claim 2, above.

24. As per claim 21, the claim is rejected for the same reasons as claim 4, above.

25. As per claim 22, the claim is rejected for the same reasons as claim 6, above.

26. As per claim 23, the claim is rejected for the same reasons as claim 7, above.

27. As per claim 24, the claim is rejected for the same reasons as claim 8, above.

28. As per claim 25, the claim is rejected for the same reasons as claim 9, above.

29. As per claim 26, the claim is rejected for the same reasons as claim 10, above.

30. As per claim 27, the claim is rejected for the same reasons as claim 1, above.

31. As per claim 28, Safadi discloses the request to initiate execution of a selected one of the computer resources comprises a request to initiate execution of a computer resource component not found on the client system, and the remote application manager component is further operable to contact a server system responsive to this request to initiate transfer of the selected computer resource component to the client system along with an

updated token component including updated authorization information for the computer resource component (conditional access, col 4, lines 27-45).

32. As per claim 29, Safadi discloses the remote application manager is further operable to contact a server system when the credit contained in the token component is insufficient to initially open or to continue executing the selected computer resource component to initiate transfer of an updated token component including updated credit information to the client system (col 4, lines 27-45 and col 5, lines 1-27).

33. As per claim 30, Safadi discloses the token component comprises a smart card on which the token is stored and a card reader that is adapted to read the token stored on the smart card and supply the read token to the remote application manager component (secure processor, col 6, lines 42-60).

34. As per claim 31, Safadi discloses the claim is rejected for the same reasons as claim 1, above. In addition, Safadi discloses an accounting and billing component that is operable to receive user credit information and to verify user credit based upon such received information (col 5, lines 13-20),

the accounting and billing component providing a credit approval output indicating the results of the credit verification (col 3, lines 57-67);

and a client interface component that is operable to receive client requests from client computers and to provide credit information contained in such requests to the accounting and billing component (col 5, lines 55-67), and when the credit approval output indicates the user's credit has been approved the client interface component providing credit and user information to the token generation component and receiving the generated token from the token generation component (col 6, lines 7-11), the client interface component further operable to select computer resources using information contained in the client requests and to encrypt each selected computer resource (col 6, lines 7-11), the client interface module transferring the token and the encrypted selected computer resources to the client computer along with a remote application manager component (col 6, lines 1-24).

35. As per claim 32, Safadi discloses the computer resource component includes a plurality of application programs (col 3, lines 55-67).

36. As per claim 33, Safadi discloses each of the application programs includes all necessary system files for execution (col 3, lines 55-67 and col

6, lines 1-7).

37. As per claim 34, Safadi discloses the client interface component is adapted to receive HTTP requests from client computers and each client request is received as one or more such HTTP requests (internet, col 5, lines 43-48).

Conclusion

38. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

U.S. Patent 6,270,011 teaches remote credit card authentication.

U.S. Patent 6,175,922 teaches electronic transaction using portable devices.

U.S. Patent 5,768,382 teaches remote billing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A Siddiqi whose telephone number is (571) 272-3976. The examiner can normally be reached on Monday -Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MAS

 JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100